

## **Progress with understanding counter non-linearity effects**

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The well-known non-linearity effects in Stanford counters affect both target-board and satellite range measurements at a level approaching 10mm. We present corrections to remove these effects from laser data obtained at 7840 Herstmonceux, 7811 Borowiec and 7836 Potsdam and estimates for the other Stanford counters in the ILRS network. We stress the importance to scientific analyses of carrying out these calibrations and strongly encourage these other stations, for which we have estimates only, to consider having their counters calibrated.